

Aspen32 Data Dictionary

InspMain.db

Key	Field Name	Data Type	Size	Required	Notes
***	RptNum	Alpha	12	Yes	Inspection Report Number. Primary Key for this table.
	InspStartDate	Date		Yes	Default is today's date.
	InspStartTime	Time		Yes	Default is current system time.
	InspEndDate	Date		Yes	
	InspEndTime	Time		Yes	
	Duration	Short Int		Yes	Duration of inspection in minutes. Calculated (InspEndTime - InspStartTime).
	Level	Alpha	1	Yes	Type of inspection (level 1-5).
	Timezone	Alpha	2		Inspection location time zone.
	InspLocationCode	Alpha	6		
	InspLocationDesc	Alpha	30	Yes	Inspection location description.
	Highway	Alpha	25		
	Milepost	Alpha	6		
	FacilityType	Alpha	1	Yes	'F' = Fixed, 'R' = Roadside
	InspState	Alpha	2	Yes	State where inspection took place.
	InspCounty	Alpha	25		County where inspection took place.
	FIPSCountyCode	Alpha	3	Yes	
	StateCountyCode	Alpha	3		
	InspectorName	Alpha	40		
	InspectorCode	Alpha	6	Yes	Inspector's badge number.
	CoInspectorName	Alpha	40		
	CoInspectorCode	Alpha	6		
	AlcSubChk	Alpha	1	Yes	'Y' = Yes, 'N' = No, 'U' = Unknown. Default is 'N'.
	DrugSearch	Alpha	1	Yes	'Y' = Yes, 'N' = No, 'U' = Unknown. Default is 'N'.
	DrugArrest	Alpha	2		0-99 or blank. Must be blank if DrugSearch <> 'Y'.
	SizeWeightEnf	Alpha	1	Yes	'Y' = Yes, 'N' = No, 'U' = Unknown. Default is 'N'.

	TrafficEnf	Alpha	1	Yes	'Y' = Yes, 'N' = No, 'U' = Unknown. Default is 'N'.
Key	Field Name	Data Type	Size	Required	Notes
	LocalJurisdiction	Alpha	1	Yes	'Y' = Yes, 'N' = No, 'U' = Unknown. Default is 'N'.
	HMIInspType	Alpha	1		'B' = Bulk, 'N' = Non-Bulk, Null = Not Applicable.
	USDOTNum	Alpha	8		Must be all digits or blank. Left-padded with '0' if less than 8 digits.
	StateCensusNum	Alpha	12		Intrastate census number.
	ICCNum	Alpha	6		
	Interstate	Alpha	1		'Y' = Yes, 'N' = No. Default is 'N'.
	MexicanCarrierID	Alpha	15		If Mexican or Central American Carrier.
	CarrName	Alpha	55	Yes	Carrier Name.
	CarrStreet	Alpha	30	Yes	Carrier Address.
	CarrColonia	Alpha	25		If Mexican or Central American Carrier.
	CarrCity	Alpha	25	Yes	Carrier City.
	CarrState	Alpha	2	Yes	Carrier State.
	CarrZipCode	Alpha	10	Yes	Carrier Zip Code.
	CarrPhone	Alpha	13		(nnn)nnn-nnnn format.
	CarrFax	Alpha	13		(nnn)nnn-nnnn format.
	ShipName	Alpha	55		
	ShipNum	Alpha	15		
	DriverLName	Alpha	20		Driver's last name. Must be blank if Level = 5.
	DriverFName	Alpha	20		Driver's first name. Must be blank if Level = 5.
	DriverMI	Alpha	1		Driver's middle initial. Must be blank if Level = 5.
	DriverLicNum	Alpha	25		Driver's license number. Must be blank if Level = 5.
	DriverLicState	Alpha	2		Required if DriverLicNum entered. Must be blank if Level = 5.
	DriverDOB	Date			Must be blank if Level = 5.
	CoDriverLName	Alpha	20		Must be blank if Level = 5.
	CoDriverFName	Alpha	20		Must be blank if Level = 5.
	CoDriverMI	Alpha	1		Must be blank if Level = 5.
	CoDriverLicNum	Alpha	25		Must be blank if Level = 5.
	CoDriverLicState	Alpha	2		Required if CoDriverLicNum entered. Must be blank if Level = 5.

	CoDriverDOB	Date			Must be blank if Level = 5.
Key	Field Name	Data Type	Size	Required	Notes
	Cargo	Alpha	25		Cargo type transported.
	Origin	Alpha	25		Origin of trip.
	Destination	Alpha	25		Destination of trip.
	HMPlacard	Alpha	1		'Y' = Yes, 'N' = No, Null = Not Applicable.
	CargoTankSpecNum	Alpha	3		Type of HM cargo tank - Three digit number, NON, EXE.
	GCWR	Integer			Gross Combination Weight Rating.
	Axles	Alpha	2		Total number of axles.
	TotalHM	Alpha	1	Yes	0-3. Should match number of records in HazMat table.
	TotalVehicle	Alpha	1	Yes	1-6. Should match number of records in Vehicle table.
	TotalVio	Alpha	3	Yes	0-100. Should match number of records in VioInfo table.
	TotalOOSVio	Alpha	3	Yes	Total number of OOS violations.
	TotalVehicleOOSVio	Alpha	3	Yes	Total number of OOS vehicle violations.
	TotalDriverOOSVio	Alpha	3	Yes	Total number of OOS driver violations.
	Accident	Alpha	1	Yes	Inspection as a result of crash? 'Y' = Yes, 'N' = No. Default is 'N'.
	OOSUntil	Alpha	40		Driver OOS until text.
	VehicleOOS	Alpha	1		
	DriverOOS	Alpha	1		
	Notes	Memo			
	AspenMatch	Alpha	1		Was Carrier in ISS database? 'Y' = Yes, 'N' = No.
	AspenVersionNum	Alpha	5		
	RptStatus	Alpha	1	Yes	'I' = Incomplete, 'C' = Complete, 'A' = Trans to Avalanche, 'F' = Trans to SAFER. Default = 'I'.
	Transferred	Logical			Has Inspection Ever Been Transferred? Default = False.
	TranDate	Date		Yes	Last date a change was made to record.
	TranTime	Time		Yes	Last time a change was made to record.
	Tag	Alpha	1		Aspen private field.
	Aspen1	Alpha	10		
	Aspen2	Alpha	10		
	Study1	Alpha	30		

	Study2	Alpha	20		
Key	Field Name	Data Type	Size	Required	Notes
	Study3	Alpha	20		
	Study4	Alpha	10		
	Study5	Alpha	10		

LocalDef.db

Key	Field Name	Data Type	Size	Required	Notes
***	RptNum	Alpha	12	Yes	Inspection Report Number. Part of Primary Key.
***	OptFieldID	Integer		Yes	Part of Primary Key.
	OptFieldData	Alpha	30		State optional field data.
	Printout	Alpha	1		Should field Print? 'Y' = Yes, 'N' = No.

HazMat.db

Key	Field Name	Data Type	Size	Required	Notes
***	RptNum	Alpha	12	Yes	Inspection Report Number. Part of Primary Key.
***	HMSegNum	Alpha	1	Yes	Part of Primary Key.
	HMCode	Alpha	3		
	HMQuantity	Alpha	1		Reportable Quantity? 'Y' = Yes, 'N' = No.
	HMWaste	Alpha	1		'Y' = Yes, 'N' = No.
	HMDescription	Alpha	20		Full HM Description.

Vehicle.db

Key	Field Name	Data Type	Size	Required	Notes
***	RptNum	Alpha	12	Yes	Inspection Report Number. Part of Primary Key.
***	UnitNum	Alpha	1	Yes	Valid entries are '1' - '6'. Part of Primary Key.
	UnitType	Alpha	2	Yes	
	UnitMake	Alpha	10	Yes	These fields are required if Inspection Level <> 3.
	UnitYear	Alpha	4		
	UnitCoNum	Alpha	15		Vehicle Unit Company Number.
	UnitLicNum	Alpha	12		
	UnitLicState	Alpha	2		Required if UnitLicNum is provided.
	UnitVIN	Alpha	17		Vehicle Identification Number.
	UnitGVWR	Integer			Vehicle Weight Rating.
	CVSADecal	Alpha	1		'Y' = Yes, 'N' = No, 'U' = Unknown.
	DecalNum	Alpha	8		CVSA Decal Number
	OOSNum	Alpha	10		Out-of-Service Sticker Number.

Brakes.db

Key	Field Name	Data Type	Size	Required	Notes
***	RptNum	Alpha	12	Yes	Inspection Report Number. Part of Primary Key.
***	AxleNum	ShortInt		Yes	Part of Primary Key.
	ChamberSubType	Alpha	6		
	LeftBrake	Alpha	6		

	RightBrake	Alpha	6		
--	------------	-------	---	--	--

ViolInfo.db

Key	Field Name	Data Type	Size	Required	Notes
***	RptNum	Alpha	12	Yes	Inspection Report Number. Part of Primary Key.
***	ViolD	ShortInt		Yes	Part of Primary Key
	UnitNum	Alpha	1		1 - 6, 'D' = Driver, 'C' = CoDriver.
	FedVioCode	Alpha	25		Federal Violation Code
	StateVioCode	Alpha	25		State Violation Code
	SectionCode	Alpha	25		Official Section Code
	VioDesc	Alpha	162		Full Violation Description.
	VioDescType	Alpha	1		'S' = Standard, 'C' = Custom.
	OOS	Alpha	1		Is the Vehicle/Driver Out-of-Service? 'Y' = Yes, 'N' = No.
	DefectVerCode	Alpha	1		'A' = Repaired at scene, 'B' = Towed/Escorted to repair service, 'D' = Other, 'U' = Unknown/Unverified.
	CitationNum	Alpha	15		
	ShipID	ShortInt			Shipper ID. Links to Shipper Table (ShipID).
	FedState	Alpha	1		'F' = Federal site, 'S' = State site.
	AspenTag	Alpha	1		Reference to driver violation listed on driver page.
	PostCrash	Alpha	1		Was violation the result of a crash? 'Y' = Yes, 'N' = No Default = 'N'

Shipper.db

Key	Field Name	Data Type	Size	Required	Notes
***	RptNum	Alpha	12	Yes	Inspection Report Number. Part of Primary Key.
***	ShipID	ShortInt		Yes	If Shipper violation. 1 - 100, Unique within RptNum. Part of Primary Key.
	ShipUSDOTNum	Alpha	8		
	ShipName	Alpha	55	Yes	If Shipper violation.

	ShipAddress	Alpha	30		
	ShipCity	Alpha	25		
	ShipState	Alpha	2	Yes	If Shipper violation.
	ShipZipCode	Alpha	10		